TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective Date: November 1, 2012
DR-579 Reevaluation Date: **June 2016**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Mahogany Six Lite Archtop Inswing Double Doors, Non-impact Resistant, manufactured by

Hoelscher Weatherstrip Manufacturing Co., Inc.
10111 Houston Oaks Drive
Houston, TX 77064
(713) 869-6466

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Mahogany Six Lite Archtop Inswing Double Doors; (XX)	Design Pressure: +50/-50 psf Maximum Size Tested: 74 ¾" x 86 ¾"	± 50

Component Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	74 ¾" x 86 ¾"	36" x 84"	Six per leaf: 10 ⅝" x 19 ¾" (bottom four lites); and 17 ¼" (top lite toward stiles); 10 ⅝" x 11 ¼" (top lites towards jambs)

Component Dimensions:

System	Component	Quantity	Attachment Method
1	SGS 158 40 US15 4" Butt Hinges	4 each door	Secured to the door panel with two (2) No. 10 x 1" screws and two (2) No. 10 x 2 ½". The 2 ½" screws are placed in the top and bottom holes of the hinges. Secured to the door frame jamb with two (2) No. 10 x ¾" screws and two (2) No. 10 x 2 ½" bugle head screws. The 2 ½" screws are placed in the first and third hole from top of hinge.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	Secured with No. 8 x ¾" screws in each strike plate.

Component Dimensions (continued):

System	Component	Quantity	Attachment Method
1	Schlage F58 lockset	1	Secured with No. 8 x 1 ½ " screws.
	Deltana 12B26D Surface Bolts	4	Captured by sleeves
	Surface bolt strike plates		Secured using two No. 10 x 2 ½ " Bugle head screws at the threshold block and three No. 8 x 1 3/16 " Bugle Head screws at the head.
	Cal-Royal ULFB634-US10B Flush Bolts	2	Secured to stationary door leaf astragal with four (4)
	Flush bolt strike plates	2	Secured with No. 8 x ¾ " screws in each strike plate.
	Flush bolt reinforcement strike plates	2	Secured with No. 8 x 3" Bugle head screws in each strike plate.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	6080 Six-Lite Mahogany Arch Top Glazed True Divided Lite Wood Entrance Doors
	Product Name	Glazed Fiberglass Inswing Entry Door
	Test Standards	ASTM E330-02

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System			
1	Type of Installation	Door Frame	
	Wall Framing	Spruce-Pine-Fir	
	Fasteners	Minimum No. 10 x 2 ½ " Bugle Head Screws and No. 10 x 2" Bugle Head Screws	
	Fastener Embedment	Minimum of 1 ½ inches into the wall framing	
	Fastener Location/Spacing	Head	Minimum No. 10 x 2 ½ " Bugle Head screws located at midpoint of head and 2" on each side of midpoint.
		Threshold through aluminum	Minimum No. 10 x 2" Bugle Head screws located 4" from each frame corners with the rest spaced 11" o.c. thereafter.
		Side Jambs	Minimum No. 10 x 2 ½ " Bugle Head screws located 2 inches from each end and the rest spaced 10 inches o.c. thereafter.
		Hinges	Two fasteners at each hinge location (see hardware section) shall penetrate into the wall framing

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) the International Building Code (IBC), and the Texas Revisions.